

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) An active matrix substrate used for a liquid crystal display device of a transfective type that includes pixel electrodes each having a reflective electrode and a transparent electrode, wherein:

(i) a reflective electrode of a first pixel electrode and (ii) an adjacent transparent electrode of a second pixel electrode adjacent to said first pixel reflective electrode, without being electrically connected, are positioned in such a manner that ~~(A) a border of a reflection region to which said reflective electrode applies a voltage and (B) a border of a transmission region to which said adjacent transparent electrode applies a voltage~~ at least partly overlap ~~or are closely located with~~ each other ~~[[,]]~~ when viewed in a normal direction of a display surface of said active matrix substrate.

2. (Original) The active matrix substrate as set forth in claim 1, further comprising:

an insulating layer sandwiched between said reflective electrode and said transparent electrode, said transparent electrode being on an incident side of light from a light source and said reflective electrode being on a side of a surface facing a liquid crystal layer,

an edge portion of said reflective electrode partly superposing an edge portion of said adjacent transparent electrode adjacent to said reflective electrode without being electrically connected, when viewed in the normal direction of the display surface of said active matrix substrate.

3. (Original) The active matrix substrate as set forth in claim 2, wherein:

the insulating layer has an opening at a portion corresponding to said transmission region.

4. (Withdrawn) The active matrix substrate as set forth in claim 1, further comprising:

a transparent insulating layer sandwiched between (A) both of said reflective electrode and said transparent electrode and (B) wiring and a switching element that apply a signal voltage to said electrodes; and

an inter-pixel region between said reflective electrode and said adjacent transparent electrode adjacent to said reflective electrode without being electrically connected, at least part of said inter-pixel region having a width of not more than 3 μm .

5. (Withdrawn) The active matrix substrate as set forth in claim 2, wherein:

said reflective electrode does not cover source wiring, when viewed in the normal direction of the display surface of said active matrix substrate.

6. (Withdrawn) The active matrix substrate as set forth in claim 4, wherein:

said reflective electrode does not cover source wiring, when viewed in the normal direction of the display surface of said active matrix substrate.

7. (Original) The active matrix substrate as set forth in claim 2, wherein:

said reflective electrode covers at least part of gate wiring, when viewed in the normal direction of the display surface of said active matrix substrate, and

said reflective electrode covers gate wiring different from gate wiring that drives a pixel of said reflective electrode.

8. (Withdrawn) The active matrix substrate as set forth in claim 4, wherein:

said reflective electrode covers at least part of gate wiring, when viewed in the normal direction of the display surface of said active matrix substrate, and

said reflective electrode covers gate wiring different from gate wiring that drives a pixel of said reflective electrode.

9. (Withdrawn) The active matrix substrate as set forth in claim 2, used for a liquid crystal display device of the normally white mode, further comprising:

a light-shielding layer located corresponding to a blank region that is neither said reflection region nor said transmission region.

10. (Original) The active matrix substrate as set forth in claim 4, used for a liquid crystal display device of the normally white mode, further comprising:

a light-shielding layer located corresponding to a blank region that is neither said reflection region nor said transmission region.

11. (Currently amended) A liquid crystal display panel of a transflective type that includes pixel electrodes each having a reflective electrode and a transparent electrode, further comprising:

a counter substrate;

an active matrix substrate, in which (i) a reflective electrode of a first pixel electrode and (ii) an adjacent transparent electrode of a second pixel electrode adjacent to said first pixel reflective electrode, without being electrically connected, are positioned in such a manner that ~~(A) a border of a reflection region to which~~ said reflective electrode ~~applies a voltage~~ and ~~(B) a border of a transmission region to which~~ said adjacent transparent electrode ~~applies a voltage~~ at least partly overlap ~~or are closely located with~~ each other ~~[[,]]~~ when viewed in a normal direction of a display surface of said active matrix substrate; and

a liquid crystal layer, sandwiched between said counter substrate and said active matrix substrate.

12. (Currently amended) A liquid crystal display device of a transflective type that includes pixel electrodes each having a reflective electrode and a transparent electrode, further comprising a liquid crystal display panel of a transflective type, said panel including:

a counter substrate;

an active matrix substrate, in which (i) a reflective electrode of a first pixel electrode and (ii) an adjacent transparent electrode of a second pixel electrode adjacent to said first pixel reflective electrode, without being electrically connected, are positioned in such a manner that ~~(A) a border of a reflection region to which~~ said reflective electrode ~~applies a voltage~~ and ~~(B) a border of a transmission region to which~~ and said adjacent transparent electrode ~~applies a voltage~~ at least partly overlap ~~or are closely located with~~ each other ~~[[,]]~~ when viewed in a normal direction of a display surface of said active matrix substrate; and

a liquid crystal layer, sandwiched between said counter substrate and said active matrix substrate.

13. (New) An active matrix substrate used for a liquid crystal display device of a transfective type that comprises:

pixel electrodes each having a reflective electrode and a transparent electrode, wherein:

(i) a reflective electrode of a first pixel electrode and (ii) an adjacent transparent electrode of a second pixel electrode adjacent to said first pixel electrode, without being electrically connected, are positioned in a manner so that said reflective electrode and said adjacent transparent electrode at least partially overlap or are located within 3 μm of each other, when viewed in a normal direction of a display surface of said active matrix substrate.

14. (New) A transfective liquid crystal display comprising:

an active matrix substrate including a first pixel comprising a first transparent electrode and a first reflective electrode both of which are electrically connected to a first switching element, and a second pixel adjacent to the first pixel, the second pixel comprising a second transparent electrode and a second reflective electrode both of which are electrically connected to a second switching element;

the active matrix substrate further including gates lines and source lines arranged in a crossing manner, so as to be in electrically communication with the first and second switching elements;

wherein the first reflective electrode overlaps the entirety of a segment of a particular gate line and/or source line.

15. (New) The display of claim 14, wherein the first reflective electrode overlaps the entirety of respective segments of both a gate line and a source line.

16. (New) The display of claim 14, wherein the switching elements are thin film transistors.

17. (New) The display of claim 14, wherein the first transparent electrode and the second reflective electrode, which are connected to different switching elements, at least partially overlap each other.

18. (New) A transreflective liquid crystal display including an active matrix substrate, the transreflective liquid crystal display comprising:

pixel electrodes each having a reflective electrode and a transparent electrode, wherein:

a reflective electrode and a transparent electrode adjacent to said reflective electrode without being electrically connected are positioned in such a manner that the reflective electrode and the adjacent transparent electrode are electrically connected to different switching devices, and at least a border of said reflective electrode and a border of said adjacent transparent electrode at least partly overlap with each other when viewed in a normal direction of a display surface of said active matrix substrate.